

Amendments to the Claims:

1 - 34 (Canceled)

35. (Currently Amended) A method of controlling ~~sound-quality~~ of output produced by a multifunction device (MFD) capable of producing both sound and vibration in response to receiving electronic signals, wherein the MFD is embedded in a mobile communication system, the method comprising:

determining whether the mobile communication system is in a first, second, or third state;

in the first state, amplifying audio signals ~~received by the mobile communication system~~ in an audio processor of the mobile communication system, ~~filtering the amplified audio signals to removing~~ low frequency resonance components in the amplified audio signals that fall below a first threshold, and providing the amplified, filtered audio signals to the MFD;

in the second state, amplifying ring tone signals ~~generated by the mobile communication system~~ in an amplifier external to the audio processor, ~~filtering the amplified audio signals to removing~~ low frequency resonance components in the amplified ring tone audio signals that fall below a first threshold, and providing the amplified, filtered audio-ring tone signals to the MFD ~~to produce a ring tone~~; and

in the third state, amplifying a signal ~~received by the mobile communication system~~ in an ~~the~~ amplifier external to the audio processor and providing the amplified, non-filtered signal to the MFD to produce a vibration.

36. (Currently Amended) The method of claim 35, wherein the first, second, and third states are set by a user of the mobile communication ~~terminal~~ system.

37. (Currently Amended) The method of claim 35, wherein the MFD produces an audio voice in the first state ~~an audio voice is generated by the MFD~~.

38. (Currently Amended) The method of claim 35, wherein the MFD produces a ring tone in the second state ~~a user sets the MFD to generate a ring tone~~.

39. (Currently Amended) The method of claim 35, wherein a user sets the MFD to produce a vibration in the third state~~a user sets the MFD to vibrate.~~

40. (Currently Amended) A apparatus for controlling ~~sound-quality of output~~ produced by a multifunction device (MFD) capable of producing both sound and vibration in response to receiving electronic signals, wherein the MFD is embedded in a mobile communication system, the apparatus comprising:

an audio processor responsive to a logic signal for determining whether the mobile communication system is in a first, second, or third state and amplifying audio signals in the first state;

an amplifier external to the audio processor for amplifying audio signals in the second and third state;

a filter for removing low frequency resonance components in amplified audio signals that fall below a first threshold in the first and second state; and

a switch for providing amplified, filtered audio signals to the MFD in the first state, amplified, filtered ring tone signals to the MFD in the second state, and an amplified, non-filtered signal to the MFD to produce a vibration in the third state.

~~determining whether the mobile communication system is in a first, second or third state;~~

~~a first switch for routing audio signals received by the mobile communication system and amplified by an audio processor to a filter for filtering the amplified audio signals to remove low frequency resonance components in the audio signals that fall below a first threshold, in the first state, prior to the amplified filtered audio signals are provided to the MFD.~~

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43. (Currently Amended) The apparatus of claim 40, wherein the first, second, and third states are set by a user of the mobile communication ~~terminal~~system.

44. (Currently Amended) The apparatus of claim 40, wherein the MFD produces an audio voice in the first state, ~~an audio voice is generated by the MFD.~~

45. (Currently Amended) The apparatus of claim 40, wherein the MFD produces a ring tone in the second state ~~a user sets the MFD to generate a ring tone.~~

46. (Currently Amended) The apparatus of claim 40, wherein a user sets the MFD to produce a vibration in the third state ~~a user sets the MFD to vibrate.~~